

CLAIMS

Sub 7
a 1. A lead capable of electrical and mechanical coupling to both a port of an implantable medical device's header assembly and to another lead, said lead comprising:

- (a) an elongated, flexible, electrically insulating main body portion having a proximal and distal end;
- (b) at least one terminal connector attached to the proximal end of the main body and adapted for coupling the lead to a header assembly of an implantable medical device;
- (c) at least one electrode embodied within a distal end portion of the main body portion;
- (d) at least one conductor corresponding with each electrode and electrically insulated by said main body portion, wherein a distal end of each conductor is attached to each corresponding electrode and a proximal end of each conductor is attached to at least one corresponding terminal connector;
- (e) an adapting member extending from the lead having a port adaptable for sealably receiving a terminal connector of a second lead, said port having an electrically conductive terminal block positioned within said port, wherein a jumper wire embedded within said adapting member interconnects the terminal block with one of the conductors insulated by the main body of the lead.

2. The lead as recited in claim 1, wherein said adapting member is positioned on said lead adjacent to the proximal end of the main body.

3. The lead as recited in claim 1, wherein said adapting member engages the header assembly of the implantable medical device.

4. The lead as recited in claim 1, wherein said adapting member has an aperture extending therethrough such that the aperture aligns with a header port when the lead is coupled to the header assembly.

5. The lead as recited in claim 3, wherein said adapting member has an aperture extending therethrough such that the aperture aligns with a header port when the lead is coupled to the header assembly.

5 6. The lead as recited in claim 3, wherein said adapting member is contoured to conform to a shape of the header assembly.

7. The lead as recited in claim 1, wherein said port of said adapting member is suitable for receiving a terminal end of a uni-polar lead.

10 8. The lead as recited in claim 1, wherein said jumper wire includes an outer electrically insulating layer and an inner conductive wire.

Sub 9. A lead capable of electrical and mechanical coupling to both a port of a header assembly of an implantable medical device and to the terminal end of another lead, said lead comprising:

- 15 20 25 30
- (a) an elongated, flexible, electrically insulating main body portion having a proximal and distal end;
 - (b) at least one terminal connector attached to the proximal end of the main body and adapted for coupling the lead to a header assembly of an implantable medical device;
 - (c) at least one electrode embodied within a distal end portion of the main body portion;
 - (d) at least one conductor corresponding with each electrode and electrically insulated by said main body portion, wherein a distal end of each conductor is attached to each corresponding electrode and a proximal end of each conductor is attached to a corresponding terminal connector;
 - (e) an adapting member extending from said lead adjacent the proximal end of the main body, said adapting member having a port adaptable for sealably receiving a terminal connector of a second lead, said port having an electrically conductive terminal block positioned within said port, wherein a jumper wire embedded

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connected

within said adapting member interconnects the terminal block with one of the conductors insulated by the main body of the lead.

10. The lead as recited in claim 9, wherein said adapting member engages the header assembly of the implantable medical device.

11. The lead as recited in claim 9, wherein said adapting member has an aperture extending therethrough such that the aperture aligns with a header port when the lead is coupled to the header assembly.

12. The lead as recited in claim 10, wherein said adapting member has an aperture extending therethrough such that the aperture aligns with a header port when the lead is coupled to the header assembly.

13. The lead as recited in claim 10, wherein said adapting member is contoured to conform to a shape of the header assembly.

14. The lead as recited in claim 9, wherein said port of said adapting member is adapted for receiving a uni-polar lead.

15. The lead as recited in claim 9, wherein said jumper wire includes an outer electrically insulating layer and an inner conductive wire.

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